

ES-8563      Knuckle Boom Trucks

Replacement of two knuckle boom trucks that took extensive abuse from Hurricane Isabel.

FY 2007	\$ -
FY 2008	135,000
FY 2009	-
FY 2010	-
FY 2011	-
FY 2012	159,300
FY 2007 - 2012	<u>\$ 294,300</u>

**Stormwater Projects**

The Department of Environmental and Development Services (EDS) has developed a stormwater management plan to provide a tool for guidance of the design, installation, operation, and maintenance of the stormwater systems in the County. This plan is in compliance with local, state, and federal rules, regulations and standards, and is incorporated in the *Utilities Strategic Capital Plan*.

A brief explanation of the projects is included on the following pages. For more detail, please see the Board's adopted *Utilities Strategic Capital Plan*, which is available for review at the EDS office, libraries, and County Public Information Office.

ES-610      Brandywine Stormwater System - Phases II and III

Improve the drainage problems outside of the VDOT right-of-way. Improvements to include piping, paving and riprap in ditches. Additional improvements will need to be done by VDOT to make the system function.

FY 2007	\$ 500,000
FY 2008	500,000
FY 2009	400,000
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 1,400,000</u>

ES-611      Moore's Creek Drainage - Phase III

Additional funding required based on engineers estimate of construction cost.

FY 2007	\$ -
FY 2008	600,000
FY 2009	600,000
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 1,200,000</u>

ES-617      Greensprings Drainage

Design and construction of a piping system to restore the ravine and other recommended improvements due to erosion in the ravines resulting from increased drainage over the years.

FY 2007	\$ -
FY 2008	-
FY 2009	-
FY 2010	500,000
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 500,000</u>

ES-624      Cook Road/Falcon Road Drainage

To correct and stabilize a low-lying area with inadequate outfall drainage system to prevent flooding.

FY 2007	\$ 275,000
FY 2008	-
FY 2009	-
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 275,000</u>

ES-625      Edgehill East Outfall

This outfall system drains about ½ of the Edgehill subdivision to Route 17 and Wormley Creek. The project will involve a study and design phase to determine the improvements needed and a design construction phase for the recommended improvements. The majority of improvements will involve the roadside drainage and major outfall system. Existing drainage system does not meet today's standards for slope requirements.

FY 2007	\$ 2,000,000
FY 2008	2,500,000
FY 2009	-
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 4,500,000</u>

ES-626      Edgehill/Fort Eustis Drainage

This outfall drains part of Edgehill and adjacent properties towards Fort Eustis Boulevard and the Poquoson River. The project will involve a study and design phase to determine the improvements needed and a design construction phase for the recommended improvements. The majority of improvements will involve the roadside drainage and major outfall system. Existing drainage system does not meet today's standards for slope requirements.

FY 2007	\$ 1,200,000
FY 2008	-
FY 2009	-
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 1,200,000</u>

ES-627      Ella Taylor/Gray Lane Drainage

To correct drainage pattern reversed during construction of commercial property on Route 17.

FY 2007	\$ -
FY 2008	75,000
FY 2009	-
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 75,000</u>

ES-630 Rich Acres/Route 17 Drainage

This area has experienced drainage problems both along Route 17 and the ditch system behind the homes along Rich Road. Project would involve designing and constructing improvements in both locations.

FY 2007	\$ 250,000
FY 2008	-
FY 2009	-
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 250,000</u>

ES-632 Victory Industrial Park Drainage

This area has experienced drainage problems from stormwater run-off from the Industrial Park, Landfill and Old-York Hampton Highway. Project would involve designing and constructing improvements from Old-York Hampton Highway, under Route 17 and downstream improvements to the tributary stream to the watershed.

FY 2007	\$ 300,000
FY 2008	200,000
FY 2009	-
FY 2010	-
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 500,000</u>

ES-633 Terrebonne Drainage

This area has experienced drainage problems along the roadside ditches. Project would involve designing and constructing improvements along both sides of the road.

FY 2007	\$ -
FY 2008	-
FY 2009	-
FY 2010	500,000
FY 2011	-
FY 2012	-
FY 2007 - 2012	<u>\$ 500,000</u>